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**METHOD FOR DETERMINING PREFERRED INPUT OPERATING
POINTS FOR A VEHICLE TRANSMISSION**

ABSTRACT OF THE DISCLOSURE

Preferred operating points for a vehicle powertrain including an engine and a transmission are determined in accordance with a comprehensive operational mapping of input and output conditions and corresponding

- 5 aggregate system losses corresponding to engine and transmission losses. In a hybrid transmission application, additional losses from motors and batteries are aggregated into the system losses and battery constraints are considered in determining preferred operating points.